

ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	[CIRCUIT AND METHOD OF MULTI-CHANNEL DUAL SLOPE ADC WITH OFFSET CANCELLATION AND HYSTERESIS INPUT]																																																																																																																																				
<p>Submission Type : Utility Patent Filing</p> <p>Application Number: 10/707666 </p> <p>EFS ID: 52989</p> <p>Server Response:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 30%;">Confirmation Code</th> <th style="width: 70%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>1665</td> </tr> </tbody> </table> <p>First Named Applicant: Hidcharu Koike</p> <p>Attorney Docket Number: 12057-US-PA</p> <p>Timestamp: 2003-12-31 04:05:02 EDT</p> <p>From: US</p> <p>File Listing:</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 20%;">Doc. Name</th> <th style="width: 40%;">File Name</th> <th style="width: 15%;">Size (Bytes)</th> <th style="width: 25%;">Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-assignment</td><td>12057-usassn.xml</td><td>1548</td><td>2003-12-31</td></tr> <tr><td>us-assignment</td><td>us-assignment.xsl</td><td>8983</td><td>2003-12-31</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-12-31</td></tr> <tr><td>us-assignment</td><td>12057assignment1.tif</td><td>40268</td><td>2003-12-31</td></tr> <tr><td>us-assignment</td><td>12057assignment2.tif</td><td>7508</td><td>2003-12-31</td></tr> <tr><td>us-request</td><td>12057-usrequ.xml</td><td>1329</td><td>2003-12-31</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-12-31</td></tr> <tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2003-12-31</td></tr> <tr><td>us-fee-sheet</td><td>12057-usfees.xml</td><td>1725</td><td>2003-12-31</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2003-12-31</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2003-12-31</td></tr> <tr><td>us-declaration</td><td>12057declaration1.tif</td><td>36232</td><td>2003-12-31</td></tr> <tr><td>us-declaration</td><td>12057declaration2.tif</td><td>17728</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>12057-trans.xml</td><td>40557</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isogrk3.ent</td><td>3559</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isomopf.ent</td><td>2571</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isomscr.ent</td><td>4628</td><td>2003-12-31</td></tr> <tr><td>application-body</td><td>isotech.ent</td><td>5268</td><td>2003-12-31</td></tr> </tbody> </table>				Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	1665	Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-assignment	12057-usassn.xml	1548	2003-12-31	us-assignment	us-assignment.xsl	8983	2003-12-31	us-assignment	us-assignment.dtd	10898	2003-12-31	us-assignment	12057assignment1.tif	40268	2003-12-31	us-assignment	12057assignment2.tif	7508	2003-12-31	us-request	12057-usrequ.xml	1329	2003-12-31	us-request	us-request.dtd	19064	2003-12-31	us-request	us-request.xsl	33300	2003-12-31	us-fee-sheet	12057-usfees.xml	1725	2003-12-31	us-fee-sheet	us-fee-sheet.xsl	24912	2003-12-31	us-fee-sheet	us-fee-sheet.dtd	11069	2003-12-31	us-declaration	12057declaration1.tif	36232	2003-12-31	us-declaration	12057declaration2.tif	17728	2003-12-31	application-body	12057-trans.xml	40557	2003-12-31	application-body	us-application-body.xsl	83497	2003-12-31	application-body	application-body.dtd	49498	2003-12-31	application-body	wipo.ent	4956	2003-12-31	application-body	mathml2.dtd	54588	2003-12-31	application-body	mathml2-qname-1.mod	13225	2003-12-31	application-body	isoamsa.ent	5191	2003-12-31	application-body	isoamsb.ent	3988	2003-12-31	application-body	isoamsc.ent	1460	2003-12-31	application-body	isoamsn.ent	5620	2003-12-31	application-body	isoamso.ent	1934	2003-12-31	application-body	isoamsr.ent	7073	2003-12-31	application-body	isogrk3.ent	3559	2003-12-31	application-body	isomfrk.ent	4553	2003-12-31	application-body	isomopf.ent	2571	2003-12-31	application-body	isomscr.ent	4628	2003-12-31	application-body	isotech.ent	5268	2003-12-31
Confirmation Code	Message																																																																																																																																				
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																																				
ICON1	1665																																																																																																																																				
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																																		
us-assignment	12057-usassn.xml	1548	2003-12-31																																																																																																																																		
us-assignment	us-assignment.xsl	8983	2003-12-31																																																																																																																																		
us-assignment	us-assignment.dtd	10898	2003-12-31																																																																																																																																		
us-assignment	12057assignment1.tif	40268	2003-12-31																																																																																																																																		
us-assignment	12057assignment2.tif	7508	2003-12-31																																																																																																																																		
us-request	12057-usrequ.xml	1329	2003-12-31																																																																																																																																		
us-request	us-request.dtd	19064	2003-12-31																																																																																																																																		
us-request	us-request.xsl	33300	2003-12-31																																																																																																																																		
us-fee-sheet	12057-usfees.xml	1725	2003-12-31																																																																																																																																		
us-fee-sheet	us-fee-sheet.xsl	24912	2003-12-31																																																																																																																																		
us-fee-sheet	us-fee-sheet.dtd	11069	2003-12-31																																																																																																																																		
us-declaration	12057declaration1.tif	36232	2003-12-31																																																																																																																																		
us-declaration	12057declaration2.tif	17728	2003-12-31																																																																																																																																		
application-body	12057-trans.xml	40557	2003-12-31																																																																																																																																		
application-body	us-application-body.xsl	83497	2003-12-31																																																																																																																																		
application-body	application-body.dtd	49498	2003-12-31																																																																																																																																		
application-body	wipo.ent	4956	2003-12-31																																																																																																																																		
application-body	mathml2.dtd	54588	2003-12-31																																																																																																																																		
application-body	mathml2-qname-1.mod	13225	2003-12-31																																																																																																																																		
application-body	isoamsa.ent	5191	2003-12-31																																																																																																																																		
application-body	isoamsb.ent	3988	2003-12-31																																																																																																																																		
application-body	isoamsc.ent	1460	2003-12-31																																																																																																																																		
application-body	isoamsn.ent	5620	2003-12-31																																																																																																																																		
application-body	isoamso.ent	1934	2003-12-31																																																																																																																																		
application-body	isoamsr.ent	7073	2003-12-31																																																																																																																																		
application-body	isogrk3.ent	3559	2003-12-31																																																																																																																																		
application-body	isomfrk.ent	4553	2003-12-31																																																																																																																																		
application-body	isomopf.ent	2571	2003-12-31																																																																																																																																		
application-body	isomscr.ent	4628	2003-12-31																																																																																																																																		
application-body	isotech.ent	5268	2003-12-31																																																																																																																																		

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isobox.ent	3568	2003-12-31
application-body	isocyr1.ent	5345	2003-12-31
application-body	isocyr2.ent	2504	2003-12-31
application-body	isodia.ent	1508	2003-12-31
application-body	isolat1.ent	5282	2003-12-31
application-body	isolat2.ent	9007	2003-12-31
application-body	isonusm.ent	5913	2003-12-31
application-body	isopub.ent	6621	2003-12-31
application-body	mmlextra.ent	7901	2003-12-31
application-body	mmlalias.ent	38209	2003-12-31
application-body	soextblk.dtd	12870	2003-12-31
application-body	12057us0001.tif	4532	2003-12-31
application-body	12057us0002.tif	11896	2003-12-31
application-body	12057us0003.tif	14186	2003-12-31
application-body	12057us0004.tif	12064	2003-12-31
application-body	12057us0005.tif	6674	2003-12-31
application-body	12057us0006.tif	6464	2003-12-31
package-data	12057-pkda.xml	9162	2003-12-31
package-data	package-data.dtd	27025	2003-12-31
package-data	us-package-data.xsl	19263	2003-12-31
Total files size			716724

Message Digest:

c8b0cf1841572f5a799f2deb93d887bb97271229

Digital Certificate Holder
Name:

cn=Belinda Lee,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US